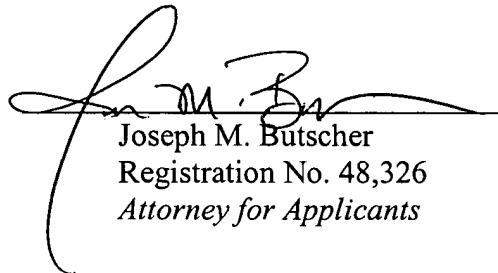


## REMARKS

Claims 7-16 are currently pending in this application. By this amendment, claims 17- have been added. New claims 17 and 20 recite the additional limitation that the distorter is a shielding device positioned in relation to a fluoroscopic detector. New claims 18 and 21 recite the additional limitation that the processor models the distorter as a ring model. New claims 19 and 22 recite the additional limitation that the processor uses an integral method of correction to compensate for distortion caused by the distorter. No new matter has been added. It is respectfully submitted that the pending claims define allowable subject matter.

If the Examiner has any questions or the Applicants can be of any assistance, the Examiner is invited to contact the Applicants. The Commissioner is authorized to charge any necessary fees or credit any overpayment to Account No. 07-0845.

Respectfully submitted,



Joseph M. Butscher  
Registration No. 48,326  
*Attorney for Applicants*

Date: May 5, 2004

MCANDREWS, HELD & MALLOY, LTD.  
500 West Madison Street, 34th Floor  
Chicago, Illinois 60661  
Telephone: (312) 775-8000  
Facsimile: (312) 775-8100